

Patent



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,828	08/27/2001	Mitsuhiro Yamamoto	041514-5230	1102
55694	7590	02/24/2006	EXAMINER	
DRINKER BIDDLE & REATH (DC) 1500 K STREET, N.W. SUITE 1100 WASHINGTON, DC 20005-1209			JONES III, CLYDE H	
			ART UNIT	PAPER NUMBER
			2611	

DATE MAILED: 02/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/938,828	Applicant(s) YAMAMOTO ET AL.	
	Examiner Clyde H. Jones III	Art Unit 2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12/6/2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,4,6-14,18 and 19 is/are pending in the application.
- 4a) Of the above claim(s) 2, 3, 5, and 15-17 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4,6-14,18 and 19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10/17/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1, 4, 6-14, 18 and 19 have been considered but are moot in view of the new ground(s) of rejection.

In response to applicant's arguments on pages 5-7 of the 12/6/2005 amendment, the newly added limitations are met by the Beckert and Berstis references as described below.

Claim Objections

2. Claim 11 is objected to because of the following informalities: On claim 11, lines 2 the phrase "software for capturing said arbitrary display data" should be changed to --software for capturing [said] a arbitrary display data--.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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4. Claims 1, 4, 6-14, 18 and 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Beckert et al. (US 6,202,008 B1).

Regarding claim 1, Beckert teaches a display apparatus (48 – fig. 1) for use with an electronic equipment (computer 22), having a display panel (54) for displaying images, comprising:

a storage part (110,133, 132 – fig. 3) contained in the electronic equipment for storing display data representing display images (application graphics, video, or GUI) to be displayed on the display panel (54) (col. 3, line 63-col.4, line 14; col.4, lines 38-42; col.4, lines 50-51; col.7, lines 10-12; col. 3, lines 36-57); and

a data writing part (CD rom 38, floppy drive 40, card reader 42, PCMCIA sockets 44 – fig. 1, HD drive – 132 – fig. 3, USB Hub 70 – fig. 2 & 92 – fig. 3; TV tuner 80 – fig. 2) for receiving display data from the outside of the electronic equipment to write into the storage unit as the display data (col. 3, line 63-col.4, line 14; col. 4, lines 38-43; col.5, lines 34-40; col. 5, lines 46-47 & 62-63; col. 6, lines 27-36; col. 6, lines 65-col. 7, line 15; col. 8, lines 52-56; col. 11, lines 33-37),

wherein the storage part (110,133, 132 – fig. 3) is contained in a display panel portion (support module 62/base 46 – fig. 1/fig. 3) of the electronic equipment (col. 5, lines 46-51 & lines 62-65; col. 4, lines 13-14), and writing of display data into the storage part is enabled when the display panel is detached from a device body portion of the electronic equipment (Beckert teaches the

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display panel 54 is a detachable peripheral and writing display data into storage is capable automatically using direct memory access (DMA) which enables independent memory access (col. 4, lines 19-20; col. 4, lines 24-28 & 38-43; col. 6, lines 38-42; col. 5, lines 46-47; col. 6, lines 53-55; col. 11, lines 33-38; col. 12, lines 51-56).

Regarding claim 4, Beckert teaches the storage part comprises flash memory (col. 7, lines 1-2 & lines 5-9).

Regarding claim 6, Beckert teaches the data writing part writes display data accumulated in a predetermined site (engine diagnostics, Internet, GPS satellite, etc.) into the storage part through a communication network (Internet, modem, diagnostic interface 28 – fig. 1) (col. 7, lines 4-5; col. 5, lines 12-20; col. 7, lines 6-13; col. 4, lines 64-66; col. 4, lines 46-49; col. 3, lines 47-52).

Regarding claim 7, Beckert teaches the communication network is the Internet through which the display data accumulated in the site being downloaded into the storage part (col. 7, lines 4-5, 10-13; col. 4, lines 46-49; col. 3, lines 47-52; col. 2, lines 60-63).

Regarding claims 8 and 9, Beckert teaches the data writing part writes arbitrary display data (a variety of applications and/or entertainment display

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information acquired from external sources, e.g., Internet, etc.) into the storage part (col. 6, line 65-col. 7, line 15; col. 5, lines 6-17).

Regarding claim 11, Beckert teaches software for capturing [said] a display data and writing the same into the storage part is stored in a predetermined site (website or vendor); and

the data writing part downloads the software through the Internet (col. 6, line 65-col. 7, line 5; col. 3, lines 47-52; col. 7, lines 16-21; col. 4, lines 46-49; col. 2, lines 60-63).

Regarding claim 12, Beckert teaches the display data represents a moving image (video) (col. 3, lines 66-67; col. 4, lines 57-61; col. 5, lines 9-10; col. 15, lines 27-30).

Regarding claim 13, Beckert teaches the display data represents a still image (map or diagrams) (col. 7, lines 17-21; col. 5, lines 8-10; col. 4, lines 57-60; col. 5, lines 14-17).

Regarding claim 14, Beckert teaches the electronic equipment is a vehicle-mounted electronic equipment (computer 22) (col. 3, lines 35-43; fig. 10).

Claim Rejections - 35 USC § 103

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5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 10, 18, and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beckert et al. (US 6,202,008 B1) in view of Berstis (6,182,010 B1).

Regarding claims 10 and 18, Beckert discloses arbitrary display data including maps, multimedia information, and navigation data (col. 7, lines 17-21; col. 5, lines 8-10; col. 5, lines 14-17; col. 4, lines 57-60).

Beckert fails to specifically disclose an image taken by a user using an image shooting device.

In an analogous art Berstis teaches an image taken by a user using an image shooting device (camera) (col. 6, line 50- col. 7, line 5; in which Berstis does this for the purpose of supplying real-time conditions that the driver is encountering with a navigation map; col. 6, lines 15-25).

It would have been obvious to one of ordinary skill in the art at the time of the Applicant's invention to modify the system of Beckert to include an image taken by a user using an image shooting device as taught by Berstis for the added advantage of more accurately assessing the drivers position relative to a physical location (Berstis - col. 1, lines 62-66).

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Regarding claim 19, it is rejected the same as claim 11 above.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clyde H. Jones III whose telephone number is 571-272-5946. The examiner can normally be reached on 9-5:30 p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on 571-272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CJ



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